



# 2<sup>ND</sup> INTERNATIONAL CONFERENCE ON THE CHEMISTRY AND PHYSICS OF THE TRANSACTINIDE ELEMENTS

HONORING THE SCIENTIFIC ACHIEVEMENTS OF DARLEANE C. HOFFMAN

NOVEMBER 16-20, 2003

NAPA, CALIFORNIA

November 11, 2002

## FIRST ANNOUNCEMENT

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### General Scope

The 2<sup>nd</sup> International Conference on the Chemistry and Physics of the Transactinide Elements (TAN 03) will be held in the Napa Valley from November 16 - 20, 2003. It will be jointly organized by Lawrence Berkeley National Laboratory (LBNL), Lawrence Livermore National Laboratory (LLNL), and the University of California at Berkeley.

Keeping with the tradition of the first conference, TAN 03 will bring together, in a truly interdisciplinary approach, experimental and theoretical experts in chemistry and physics to discuss scientific aspects of the heaviest elements. The conference will be dedicated to Professor Darleane C. Hoffman to honor her achievements in heavy element science.

### Scientific Program

The program will consist of invited talks, oral presentations selected on the basis of submitted abstracts, and poster contributions. TAN 03 will emphasize discussions of the nuclear and chemical properties of the transactinide elements, as well as nuclear fission and related technical or theoretical developments. A special session will be held to honor Professor Hoffman. TAN 03 will cover the following topics:

- **Chemistry**
  - *Atomic and Molecular Calculations*
  - *Experiment*
- **Nuclear Structure**
  - *Theory*
  - *Experiment*
- **Nuclear Reactions**
  - *Theory*
  - *Experiment*
- **Methods Developments**
  - *Theory and Experiments*

## CONTACT

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The session program will be selected jointly by the International Advisory Committee and the Conference Chairs. Proceedings will not be published. A booklet of extended abstracts will be distributed to the participants at the beginning of **TAN 03**. Submission of extended abstracts will be requested for all contributions. Extended abstracts will have a four-page limit, including figures and references.

### Conference Site and Time

The Conference will be held at the Marriot Hotel in Napa, the gateway to California's renowned Napa Wine Country. Rooms have been reserved for all conference participants and details regarding room reservations will be provided in the Second Circular. The conference venue is located about 60 miles north of San Francisco and can be reached within 90 minutes either by car or airport shuttle from San Francisco International Airport. The conference hotel offers numerous amenities that promote continued scientific discussions in a relaxed atmosphere.

The conference will begin with a welcome reception in the afternoon of Sunday, November 16, and will end on Thursday, November 20, 2003.

### Preliminary Schedule

<b>Deadline for Questionnaire</b>	December 31, 2002
<b>Second Circular Call for Abstracts</b>	January, 2003
<b>Deadline for Abstracts</b>	April, 2003
<b>Authors Notification and Deadline for Registration</b>	June, 2003
<b>Third Circular and Final Program</b>	August, 2003

### Second Circular

If you are interested in **TAN 03** and wish to receive the Second Circular along with the Call for Abstracts, please **complete the enclosed Questionnaire and return it before December 31, 2002**.

We would appreciate if you could pass this information on to interested colleagues.

### Conference Web Site and Related Links

All information regarding **TAN 03** will be posted on the conference web page:

<http://tan03.lbl.gov>

Information regarding the Marriot Hotel in Napa, California:

<http://www.marriott.com/dpp/PropertyPage.asp?MarshaCode=SFONP>